

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 6, 14, 15, 18, 32, 33, 36, 38, 39, 43 and 45.

Please cancel claims 13, 35 and 44.

The following listing of claims replaces all version, and listings, of claims in this application.

Listing of Claims:

1. (Currently Amended) An in vivo sensing system comprising:
a housing, comprising:
at least one sensing device;
at least one directional activator within said sensing device; and
at least one friction reducing mechanism disposed between said housing and
said sensing device; and
at least one directional actuator external to said housing to control said at least one
directional activator.
2. (Original) The in vivo imaging system according to claim 1 wherein the housing includes a material selected from a group consisting of: glass, plastic, and rubber.
3. (Original) The in vivo sensing system according to claim 1 wherein the housing has a shape selected from a group consisting of: spherical shape, capsule shape, and ovoid shape.
4. (Original) The in vivo sensing system according to claim 1 wherein the housing is collapsible.
5. (Original) The in vivo sensing system according to claim 4 wherein the housing includes at least a semi-permeable membrane.
6. (Currently Amended) The in vivo sensing system according to claim 1 wherein said housing comprises ~~comprising~~ a hydrocarbon casing.

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7. (Original) The in vivo sensing system according to claim 1 wherein the housing is at least partially transparent.

8. (Original) The in vivo sensing system according to claim 1 wherein the housing comprises at least one attachment mechanism.

9. (Original) The in vivo sensing system according to claim 8 wherein the attachment mechanism comprises at least one constituent selected from the group consisting of: glue, rings, indentations, grooves, fasteners, niche, anchors, suction cups, and clasps.

10. (Original) The in vivo sensing system according to claim 1 wherein the sensing device has a shape selected from a group consisting of: spherical shape, capsule shape, and ovoid shape.

11. (Original) The in vivo sensing system according to claim 1 wherein the sensing device has a weight that is evenly distributed along a horizontal and a vertical axis of the sensing device.

12. (Original) The in vivo sensing system according to claim 1 comprising at least one ballast weight.

13. (Canceled)

14. (Currently Amended) The in vivo sensing system according to ~~claim 13~~ claim 1, wherein the directional activator comprises at least one magnet, and wherein the directional actuator comprises a magnetic field generator.

15. (Currently Amended) The in vivo imaging system according to claim 1 wherein the at least one imaging sensing device comprises a magnetic switch configured for controlling at least one electrical component of the sensing device.

16-17. (Canceled)

18. (Currently Amended) The in vivo sensing system according to claim 1 comprising wherein said at least one sensing device comprises at least one sensor selected from the group including consisting of: image sensor, blood detection sensor, pH sensor, electrical impedance sensor, pressure sensor, and temperature sensor.

19-23. (Canceled)

24. (Original) The in vivo sensing system according to claim 1 wherein the friction-reducing mechanism includes a liquid.

25. (Original) The in vivo sensing system according to claim 24 wherein the liquid is selected from a group consisting of: water; saline solution; oil, glycerin, and bodily fluid.

26. (Original) The in vivo sensing system according to claim 24 wherein the sensing device has a specific gravity that does not substantially exceed the specific gravity of the liquid.

27. (Original) The in vivo sensing system according to claim 24 wherein the liquid is introduced into the housing in vivo.

28. (Original) The in vivo sensing system according to claim 24 wherein the liquid has a diffraction coefficient substantially similar to a diffraction coefficient of the housing.

29. (Original) The in vivo sensing system according to claim 24 wherein the liquid is at least partially transparent.

30. (Original) The in vivo sensing system according to claim 1 wherein the sensing device comprises an imaging device.

31. (Canceled)

32. (Original) An in vivo imaging system comprising:
an outer covering, said outer covering comprising:
an image sensor, said image sensor comprising at least one directional
activator; and
a liquid disposed between the outer covering and the sensor; and
at least one directional actuator external to said outer covering configured to control
said at least one directional activator from outside said outer covering.
33. (Currently Amended) The in vivo imaging system according to claim 32 wherein the housing outer covering comprises at least one attachment mechanism selected from the group consisting of: glue, rings, indentations, grooves, fasteners, niche, anchors, suction cups, and clasps.
34. (Canceled)
35. (Canceled)
36. (Currently Amended) The in vivo imaging system according to ~~claim 35~~ claim 32 wherein the at least one directional activator comprises a magnet, and wherein the at least one directional actuator comprises a magnetic field generator.
37. (Canceled)
38. (Currently Amended) The in vivo imaging system according to claim 32 wherein said image sensor further comprising comprises at least one additional sensor.
39. (Currently Amended) The in vivo imaging system according to claim 38 wherein the at least one additional sensor is selected from the group including consisting of: blood detection sensor, pH sensor, electrical impedance sensor, pressure sensor, and temperature sensor.
40. (Original) The in vivo imaging system according to claim 32 comprising a transmitter.

41-42. (Canceled)

43. (Currently Amended) A method for sensing an in vivo site comprising the steps of:
inserting within a body lumen an in-vivo sensing device comprising a magnet, being disposed within a housing and being surrounded by a friction reducing material within said housing;
enabling an said in vivo sensing device ~~disposed within a housing~~ to be moved in a friction-reduced manner by application of an external force to said in-vivo sensing device.

44. (Canceled)

45. (Currently Amended) The method according to ~~claim 44~~ claim 43 wherein the external force is selected from a the group including consisting of: electromagnetic force torque generating fields, magnetic torque generating fields, and gravitational force.

46. (Original) The method according to claim 45 wherein applying an external force includes repositioning a patient.

47. (Original) The method according to claim 4.3 further comprising the step of: transmitting data from the in vivo sensing device.

48. (Original) The method according to claim 43 comprising the steps of: reviewing transmitted data; and applying an external force to change the direction of the sensing device based on the reviewed transmitted data.

49. (Canceled)

50. (Original) The method according to claim 43 wherein the in vivo sensing device is an imaging device.